16CH AI NVR with 8CH PoE

V12-NVR16-8P

AI Function | Cloud Storage | Local Storage | H265/H264 H265+/H264+ | Audio | Alarm

- Video Input: 16CH
- Motion Detection: 16CH
- AI Function
- Up to 12MP Resolution Recording
- H265/H264/H265+/H264+
- 1 SATA HDD Up to 10 TB capacity for each HDD

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Video	
Input	16CH(12MP/8MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1)
Output	1*HD,1*VGA
Audio	
Input	1 Port RCA, support 16CH IPC audio input
Output	1 Port RCA(Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression standard	G711U, G711A, AAC, MP2L2
Intercom	support (two-way)
Alarm	
Sensor Input	N/A
Output	N/A
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center
Display	
HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	1920x1080,1280x1024,1280x720,1024x768
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/2CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
Event	
Smart Event	Intrusion Detection, Line Crossing Detection, Enter Area Detection, Leave Area Detection, Loitering Detection, People Gathering Detection, Face Detection, Illegal Parking Detection, Line Crossing Count, LPD(License Plate Detection), Abandoned Object Detection, Removed Object Detection, Heat Map
Nomal Event	Motion, Video Tampering, Video Loss, Audio Detection, Scene Change
Recording	
Video Compression	H265/H264/H265+/H264+
Resolution	12MP/8MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/D1
Record Rate	PAL: 12MP@10CHx25fps,8MP@16CHx25fps,5MP@16CHx25fps,4MP@16CHx25fps,3MP@16CHx25fps,1080P@16CHx25fps,960P@16CHx25fps,720P@16CHx25fps,D1@16CHx25fps NTSC: 12MP@10CHx30fps,8MP@16CHx30fps,5MP@16CHx30fps,4MP@16CHx30fps,3MP@16CHx30fps,1080P@16CHx30fps,960P@16CHx30fps, 720P@16CHx30fps,D1@16CHx30fps
Record Mode	Manual\Timer\Motion Detection\Event
Playback & Backup	
Local Sync Playback	1CH 12MP@30fps, 1CH 8MP@30fps, 2CH 5MP@30fps, 4CH 4MP@30fps, 7CH 1080P@30fps, 16CH 720P@30fps, 16CH D1@30fps
Decode Capability	1080P@210fps
Remote Sync Playback	YES

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Search Mode	Video, Picture, Event, Pedestrian, Vehicle, Face, License Plate
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network
Network	
Interface	1 x RJ45(10M/100M/1000M Adaptive Ethernet Interface)
Incoming Bandwidth	128Mbps
Outgoing Bandwidth	80Mbps
Network Functions	IPv4/IPv6/TCP/IP/HTTP/HTTPS/UPnP/DNS/NTP/SMTP/DHCP/FTP/DDNS/RTSP/RTCP/p2p/PPPOE/SNMP
Onvif	Profile S, Profile T, Profile G
Web Browser	Edge, IE8-11, Google Chrome, Firefox, Safari
Desktop Client Software	VMS247 for Windows 10, Windows 11, and macOS
Cloud Support	Yes
Mobile App	V247 for iOS and Android
POE	8 x Independent 100Mbps POE Network Interfaces(Output Power AT mode 30W per Interface, AF mode 15W per Interface), 45/78 line order, Total Power Output 72W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	N/A
Storage	
Interface Type	1 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10 TB capacity for each HDD
eSATA	N/A
General	
Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Janpanese, Ukrainian, Kazakh, Hebrew
USB Interface	Front panel: 1×USB 2.0; Rear panel: 1×USB 2.0
RS485	N/A
Power consumption	DC48V/1.87A ≤ 10W (Without Hard Disk)
Working Environment	-10℃～50℃, 10%～90%(humidity)
Product Dimension(W×D×H)	260X230X43(mm)
Net Weight	1.01kg(without HDD)
Gross Weight	1.75kg(without HDD)

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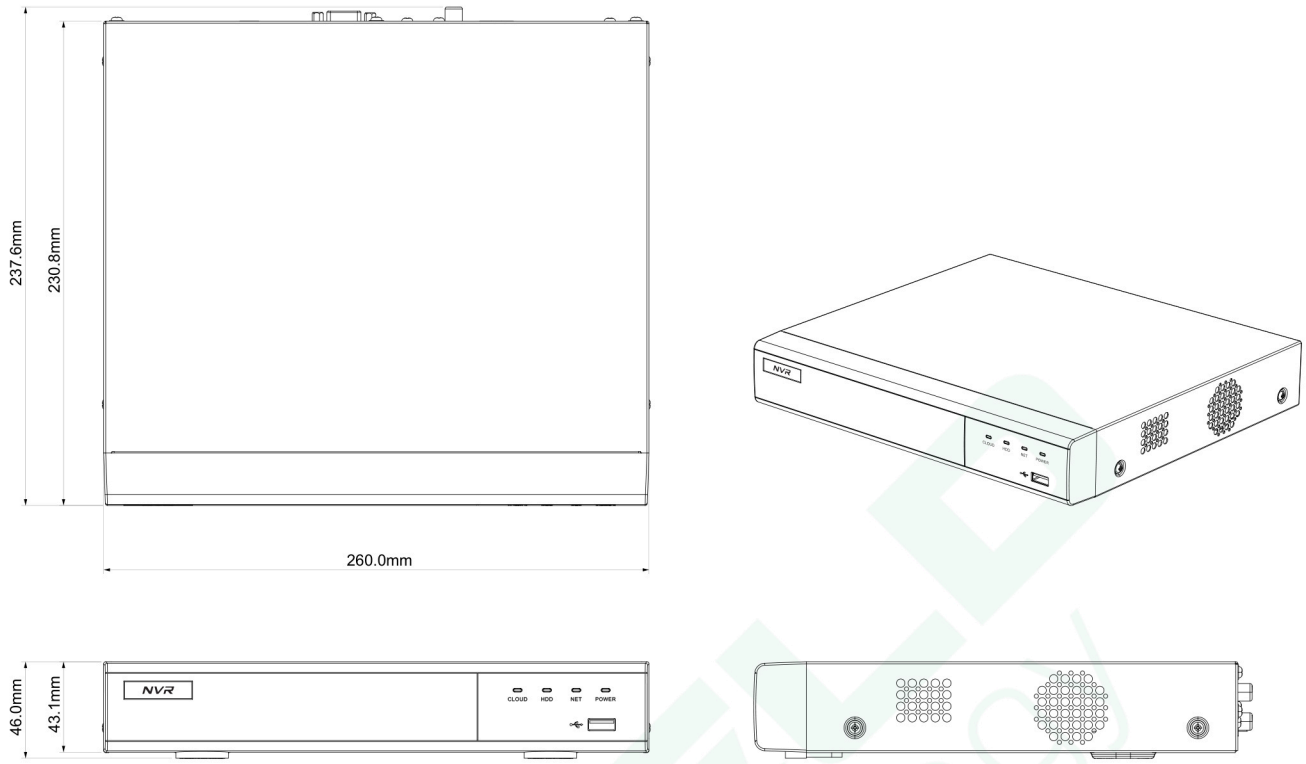
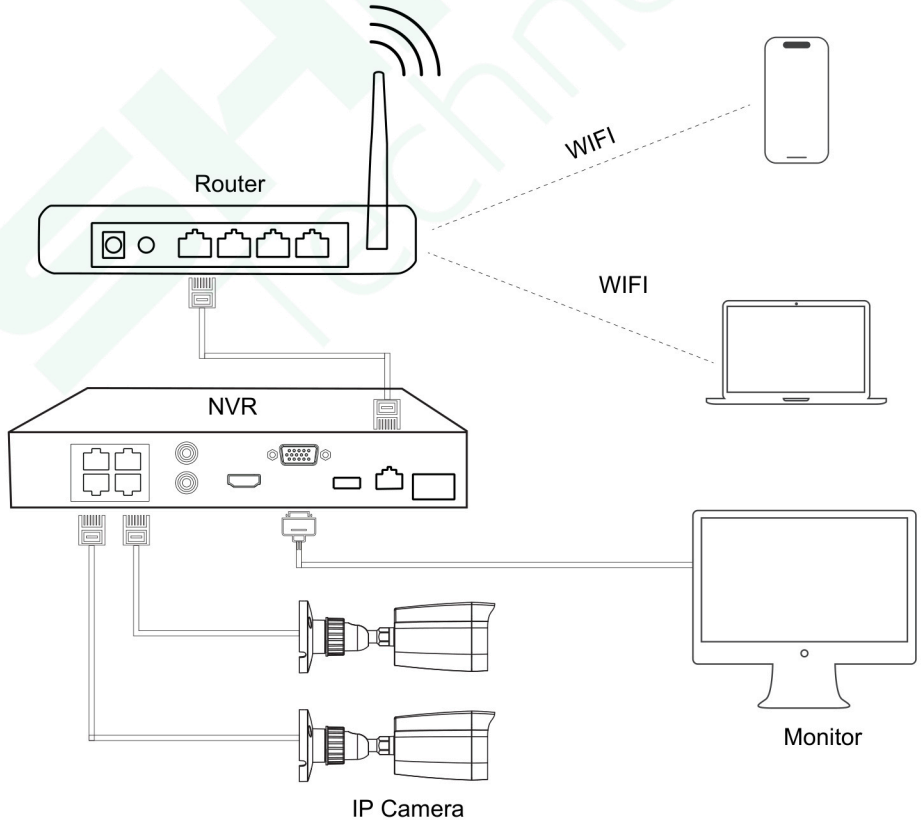
Dimensions (mm)



Connection Diagram



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